

P25074.P01

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

P25074

Total Pages

Inventor(s) or Application Identifier

Stephen PALM

Title: ACTIVATION OF MULTIPLE xDSL MODEMS WITH  
POWER CONTROL MEASUREMENT

ADDRESS TO:

Commissioner for Patents  
Mail Stop Patent Application  
PO Box 1450  
Alexandria, VA 22313-1450

## APPLICATION ELEMENTS

## ACCOMPANYING APPLICATION PARTS

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
  - a. ☐ Small Entity Statement(s)
3. ☒ Specification (preferred arrangement set forth below) [Total Pages 76]
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 USC 113) [Total Sheets 17]
5. ☒ Oath or Declaration [Total Pages 2]
  - a. ☐ Newly executed (original or copy) ☒ Unexecuted
  - b. ☒ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 20 completed)  
[Note Box 6 below]
    - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☒ Incorporation By Reference (useable if Box 5b is checked)  
The entire disclosure of the prior application, from which a  
copy of the oath or declaration is supplied under Box 5b, is  
considered as being part of the disclosure of the accompanying  
application and is hereby incorporated by reference therein.
7. ☐ Application Data Sheet. See 37 CFR 1.76
8. ☐ CD-Rom or CD-R in duplicate, large table or Computer  
Program (Appendix)

9. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies
10. ☐ Assignment Papers (cover sheet & document(s))
11. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
12. ☐ English Translation Document (if applicable)
13. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
14. ☐ Preliminary Amendment
15. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
16. ☒ Figure of Drawing to be published 2
17. ☐ Foreign priority claimed
  - a. ☐ Claim of Priority
  - b. ☐ Certified Copy of Priority Document(s)
18. ☐ Nonpublication Request under 35 U.S.C. 122 (b) (2) (B) (i).  
Applicant must attach form PTO/SB/35 or its equivalent.
19. ☒ Assignee: PANASONIC COMMUNICATIONS CO., LTD. of  
Fukuoka, JAPAN
20. ☐ Other: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

21. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 C.F.R. 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior Application No. 09/564,704 filed May 04, 2000.  
Prior application information: Examiner: \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

Address all future correspondence to **Customer No. 7055** at the present address of:

GREENBLUM & BERNSTEIN, P.L.C.  
1950 Roland Clarke Place  
Reston, VA 20191  
(703) 716-1191

Date

Leo Paperno Reg 16  
Signature

Bruce H. Bernstein, Reg. No. 29,027  
Typed or Printed Name

<div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: small; margin-right: 10px;">032604</div> <div style="text-align: left;"> <div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: x-small; margin-right: 5px;">032604</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: small;">08351 U.S. PTO</div> </div> <div style="margin-top: 20px;">FEE TRANSMITTAL</div> </div> </div>		Complete if Known	
		Application Number	Not Yet Assigned
		Filing Date	Concurrently Herewith
		First Named Inventor	S. PALM
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
TOTAL AMOUNT OF PAYMENT (\$) <u>910.00</u>		Attorney Docket Number	P25074

  

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)																																																																																																																																																																																																																																																																						
<p>1. <input checked="" type="checkbox"/> The U.S. Patent and Trademark Office is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number <u>19-0089</u></p> <p>Deposit Account Name <u>GREENBLUM &amp; BERNSTEIN, P.L.C.</u></p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136(a)(3))         </div> <div style="width: 45%;"> <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b)   <input type="checkbox"/> Applicant Claims Small Entity Status See 37 CFR 1.27.         </div> </div> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:  <input checked="" type="checkbox"/> Check    <input type="checkbox"/> Credit Card    <input type="checkbox"/> Money Order    <input type="checkbox"/> Other</p> <p style="text-align: center; font-weight: bold;">FEE CALCULATION (fees effective 10/01/03)</p> <p><b>1. FILING FEE</b></p> <table style="width: 100%; font-size: x-small;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td><u>770.00</u></td></tr> <tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td>_____</td></tr> <tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td>_____</td></tr> <tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td>_____</td></tr> <tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td>_____</td></tr> </tbody> </table> <p style="text-align: right; font-weight: bold;">SUBTOTAL (1) (\$)<u>770.00</u></p> <p><b>2. CLAIMS</b></p> <table style="width: 100%; font-size: x-small;"> <thead> <tr> <th>Total Claims</th> <th>Extra</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td><u>23</u> -20=</td> <td><u>3</u></td> <td><u>18</u></td> <td><u>54.00</u></td> </tr> <tr> <td>Independent <u>4</u> -3=</td> <td><u>1</u></td> <td><u>86</u></td> <td><u>86.00</u></td> </tr> <tr> <td>Multiple Dependent Claims <u>0</u></td> <td><u>0</u></td> <td><u>290</u></td> <td><u>0.00</u></td> </tr> </tbody> </table> <table style="width: 100%; font-size: x-small;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td></tr> <tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim</td></tr> <tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>Reissue independent claims over original patent</td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>Reissue claims in excess of 20 and over original patent</td></tr> </tbody> </table> <p style="text-align: right; font-weight: bold;">SUBTOTAL (2) (\$)<u>140.00</u></p>	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	1001	770	2001	385	Utility filing fee	<u>770.00</u>	1002	340	2002	170	Design filing fee	_____	1003	530	2003	265	Plant filing fee	_____	1004	770	2004	385	Reissue filing fee	_____	1005	160	2005	80	Provisional filing fee	_____	Total Claims	Extra	Fee from below	Fee Paid	<u>23</u> -20=	<u>3</u>	<u>18</u>	<u>54.00</u>	Independent <u>4</u> -3=	<u>1</u>	<u>86</u>	<u>86.00</u>	Multiple Dependent Claims <u>0</u>	<u>0</u>	<u>290</u>	<u>0.00</u>	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	1202	18	2202	9	Claims in excess of 20	1201	86	2201	43	Independent claims in excess of 3	1203	290	2203	145	Multiple dependent claim	1204	86	2204	43	Reissue independent claims over original patent	1205	18	2205	9	Reissue claims in excess of 20 and over original patent	<p><b>3. ADDITIONAL FEES</b></p> <table style="width: 100%; font-size: x-small;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td>_____</td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td>_____</td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td>_____</td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for reexamination</td><td>_____</td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR</td><td>_____</td></tr> <tr><td></td><td></td><td></td><td></td><td>Prior to Examiner action</td><td>_____</td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td>_____</td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for response within 1st month</td><td>_____</td></tr> <tr><td>1252</td><td>420</td><td>2252</td><td>210</td><td>Extension for response within 2nd month</td><td>_____</td></tr> <tr><td>1253</td><td>950</td><td>2253</td><td>475</td><td>Extension for response within 3rd month</td><td>_____</td></tr> <tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td><td>Extension for response within 4th month</td><td>_____</td></tr> <tr><td>1255</td><td>2,010</td><td>2255</td><td>1,005</td><td>Extension for response within 5th month</td><td>_____</td></tr> <tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td>Notice of Appeal</td><td>_____</td></tr> <tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td>Filing a brief in support of an appeal</td><td>_____</td></tr> <tr><td>1403</td><td>290</td><td>2403</td><td>145</td><td>Request for oral hearing</td><td>_____</td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td>_____</td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive unavoidably abandoned application</td><td>_____</td></tr> <tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revive unintentionally abandoned application</td><td>_____</td></tr> <tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td>Utility issue fee (or reissue)</td><td>_____</td></tr> <tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td>Design issue fee</td><td>_____</td></tr> <tr><td>1503</td><td>640</td><td>2503</td><td>320</td><td>Plant issue fee</td><td>_____</td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td>_____</td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Petitions related to provisional applications</td><td>_____</td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of IDS</td><td>_____</td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>_____</td></tr> <tr><td>1809</td><td>770</td><td>2809</td><td>385</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td>_____</td></tr> <tr><td>1810</td><td>770</td><td>2810</td><td>385</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td>_____</td></tr> <tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td>Request for Continued Examination (RCE)</td><td>_____</td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td>_____</td></tr> </tbody> </table> <p>Other fee (specify) _____</p> <p>Other fee (specify) _____</p> <p style="text-align: right; font-weight: bold;">SUBTOTAL (3) (\$)<u>0.00</u></p> <p>*Reduced by Basic Filing Fee paid</p>	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	1051	130	2051	65	Surcharge - late filing fee or oath	_____	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	_____	1053	130	1053	130	Non-English specification	_____	1812	2,520	1812	2,520	For filing a request for reexamination	_____	1804	920*	1804	920*	Requesting publication of SIR	_____					Prior to Examiner action	_____	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	_____	1251	110	2251	55	Extension for response within 1st month	_____	1252	420	2252	210	Extension for response within 2nd month	_____	1253	950	2253	475	Extension for response within 3rd month	_____	1254	1,480	2254	740	Extension for response within 4th month	_____	1255	2,010	2255	1,005	Extension for response within 5th month	_____	1401	330	2401	165	Notice of Appeal	_____	1402	330	2402	165	Filing a brief in support of an appeal	_____	1403	290	2403	145	Request for oral hearing	_____	1451	1,510	1451	1,510	Petition to institute a public use proceeding	_____	1452	110	2452	55	Petition to revive unavoidably abandoned application	_____	1453	1,330	2453	665	Petition to revive unintentionally abandoned application	_____	1501	1,330	2501	665	Utility issue fee (or reissue)	_____	1502	480	2502	240	Design issue fee	_____	1503	640	2503	320	Plant issue fee	_____	1460	130	1460	130	Petitions to the Commissioner	_____	1807	50	1807	50	Petitions related to provisional applications	_____	1806	180	1806	180	Submission of IDS	_____	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	_____	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	_____	1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	_____	1801	770	2801	385	Request for Continued Examination (RCE)	_____	1802	900	1802	900	Request for expedited examination of a design application	_____
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																		
1001	770	2001	385	Utility filing fee	<u>770.00</u>																																																																																																																																																																																																																																																																		
1002	340	2002	170	Design filing fee	_____																																																																																																																																																																																																																																																																		
1003	530	2003	265	Plant filing fee	_____																																																																																																																																																																																																																																																																		
1004	770	2004	385	Reissue filing fee	_____																																																																																																																																																																																																																																																																		
1005	160	2005	80	Provisional filing fee	_____																																																																																																																																																																																																																																																																		
Total Claims	Extra	Fee from below	Fee Paid																																																																																																																																																																																																																																																																				
<u>23</u> -20=	<u>3</u>	<u>18</u>	<u>54.00</u>																																																																																																																																																																																																																																																																				
Independent <u>4</u> -3=	<u>1</u>	<u>86</u>	<u>86.00</u>																																																																																																																																																																																																																																																																				
Multiple Dependent Claims <u>0</u>	<u>0</u>	<u>290</u>	<u>0.00</u>																																																																																																																																																																																																																																																																				
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description																																																																																																																																																																																																																																																																			
1202	18	2202	9	Claims in excess of 20																																																																																																																																																																																																																																																																			
1201	86	2201	43	Independent claims in excess of 3																																																																																																																																																																																																																																																																			
1203	290	2203	145	Multiple dependent claim																																																																																																																																																																																																																																																																			
1204	86	2204	43	Reissue independent claims over original patent																																																																																																																																																																																																																																																																			
1205	18	2205	9	Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																																																			
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																		
1051	130	2051	65	Surcharge - late filing fee or oath	_____																																																																																																																																																																																																																																																																		
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	_____																																																																																																																																																																																																																																																																		
1053	130	1053	130	Non-English specification	_____																																																																																																																																																																																																																																																																		
1812	2,520	1812	2,520	For filing a request for reexamination	_____																																																																																																																																																																																																																																																																		
1804	920*	1804	920*	Requesting publication of SIR	_____																																																																																																																																																																																																																																																																		
				Prior to Examiner action	_____																																																																																																																																																																																																																																																																		
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	_____																																																																																																																																																																																																																																																																		
1251	110	2251	55	Extension for response within 1st month	_____																																																																																																																																																																																																																																																																		
1252	420	2252	210	Extension for response within 2nd month	_____																																																																																																																																																																																																																																																																		
1253	950	2253	475	Extension for response within 3rd month	_____																																																																																																																																																																																																																																																																		
1254	1,480	2254	740	Extension for response within 4th month	_____																																																																																																																																																																																																																																																																		
1255	2,010	2255	1,005	Extension for response within 5th month	_____																																																																																																																																																																																																																																																																		
1401	330	2401	165	Notice of Appeal	_____																																																																																																																																																																																																																																																																		
1402	330	2402	165	Filing a brief in support of an appeal	_____																																																																																																																																																																																																																																																																		
1403	290	2403	145	Request for oral hearing	_____																																																																																																																																																																																																																																																																		
1451	1,510	1451	1,510	Petition to institute a public use proceeding	_____																																																																																																																																																																																																																																																																		
1452	110	2452	55	Petition to revive unavoidably abandoned application	_____																																																																																																																																																																																																																																																																		
1453	1,330	2453	665	Petition to revive unintentionally abandoned application	_____																																																																																																																																																																																																																																																																		
1501	1,330	2501	665	Utility issue fee (or reissue)	_____																																																																																																																																																																																																																																																																		
1502	480	2502	240	Design issue fee	_____																																																																																																																																																																																																																																																																		
1503	640	2503	320	Plant issue fee	_____																																																																																																																																																																																																																																																																		
1460	130	1460	130	Petitions to the Commissioner	_____																																																																																																																																																																																																																																																																		
1807	50	1807	50	Petitions related to provisional applications	_____																																																																																																																																																																																																																																																																		
1806	180	1806	180	Submission of IDS	_____																																																																																																																																																																																																																																																																		
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	_____																																																																																																																																																																																																																																																																		
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	_____																																																																																																																																																																																																																																																																		
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	_____																																																																																																																																																																																																																																																																		
1801	770	2801	385	Request for Continued Examination (RCE)	_____																																																																																																																																																																																																																																																																		
1802	900	1802	900	Request for expedited examination of a design application	_____																																																																																																																																																																																																																																																																		

  

SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name		Bruce H. Bernstein		Reg. Number	29,027
Signature				Deposit Account User ID	

*Reg 16*

*33,329*